

OUT59870

S E C R E T 202242Z CITE [REDACTED] 8533

1966 SEP 20 22 55Z 25X1
25X1

1. CAMERA B-23 WAS USED IN MISSION 8122 FLOWN ON 17
SEPTEMBER 1966. PROCESSING WAS ACCOMPLISHED BY BARKSDALE AFB.

2. ORIGINAL NEGATIVE:

A. THE NEGATIVES ARE DENSE AND THE RESOLUTION IS FAIR
TO GOOD.

B. 9R SIDE: THERE IS ROLLER CHATTER ALONG THE INBOARD
EDGE THROUGHOUT THE MISSION. LARGE PLUS DENSITY AREAS ARE
FOUND IN ALL THE 1L POSITIONS BETWEEN FRAMES 0024 THRU 0040.
THERE ARE PLUS DENSITY DOTS FROM THE BEGINNING OF THE MISSION
THROUGH FRAME 0036. EMULSION LIFTS ARE NOTED IN FRAMES 0210
AND 0310. THE EDGES ARE SLIGHTLY FOGGED. VEHICLE INDUCED
SMEAR IS PRESENT IN FRAME 1302. THERE IS A PROCESSING SPLICE
BETWEEN FRAMES 0599 AND 0600 AND A MANUFACTURING SPLICE, WITH
ASSOCIATED EMULSION LIFTS, IN FRAME 1804.

C. 9L SIDE: THERE IS ROLLER CHATTER ON BOTH FORMAT
EDGES THROUGHOUT THE MISSION. EDGE STATIC IS FOUND ON THE
OUTBOARD EDGE OF THE FILM THROUGHOUT THE MISSION; HOWEVER,
IT DIMINSHES AS THE MISSION PROGRESSES. FRAME 0002 CONTAINED
TRANSVERSE PLUS AND MINUS DENSITY STREAKS CAUSED BY EXTREANEOUS
LIGHT. MINUS DENSITY DOTS ARE NUMEROUS AND IRREGULAR AT THE
BEGINNING OF THE MISSION. A WATER SPOT, ABOUT THE SIZE AND
SHAPE OF A FINGERPRINT, IS FOUND ON AND EXTENDS PAST THE
SUPPLY FORMAT EDGE OF FRAME 1094. A MANUFACTURING SPLICE

SECRET

-2-

OCCURS IN FRAME 1088.

D. BOTH SIDES: THE LAST TITLED FRAME IS 2120. THE DATA CHAMBER ERRONEOUSLY INDICATES THAT THIS IS MISSION 8121.

E. THERE WERE NO MAJOR CAMERA MALFUNCTIONS DURING THE MISSION ALTHOUGH THE DENSITY OF THE NEGATIVES MAY INDICATE A SLOW SHUTTER. THE ULTRASONIC SPLICES MADE IN THE MISSION FREQUENTLY BROKE, AND HAD TO BE REPAIRED. THE PROCESSING WAS OTHERWISE SATISFACTORY.

3. POSITIVE:

A. THE PI SUITABILITY IS FAIR.

B. THE POSITIVES DO NOT HAVE CLARITY THAT IS TYPICAL OF THIS SYSTEM. THIS DEGRADATION MAY BE ATTRIBUTED TO THE DENSITY OF THE ORIGINAL NEGATIVE. THE PRINTS ARE PROBABLY THE BEST THAT CAN BE OBTAINED FROM THE NEGATIVE. IT IS SUGGESTED THAT THE SHUTTER AND DIAPHRAGM USED ON THIS MISSION BE CHECKED TO INSURE THAT THE EXPOSURE IS REDUCED ON FUTURE MISSIONS.

C. CLOUDS OBSCURE 25 PERCENT OF THE MISSION.

S E C R E T

--END OF MESSAGE--